

Fig 1A

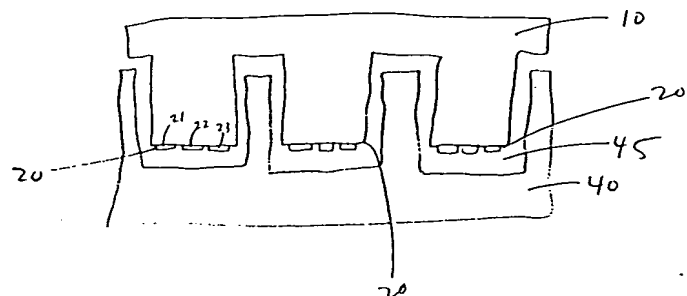


Fig 1B

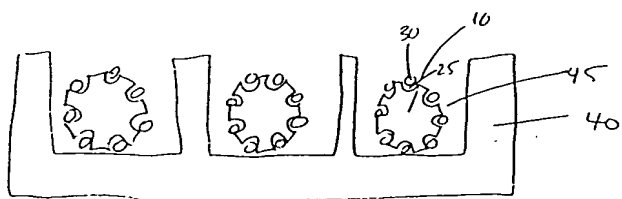


Fig 1C

Fig 1

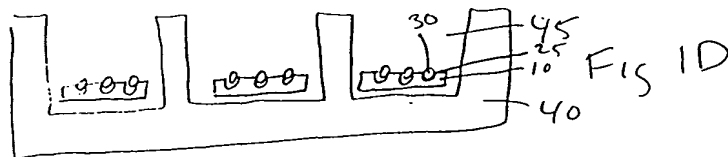


Fig 1D

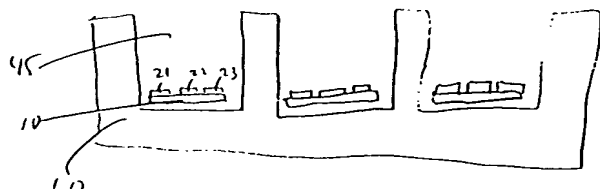


Fig 1E

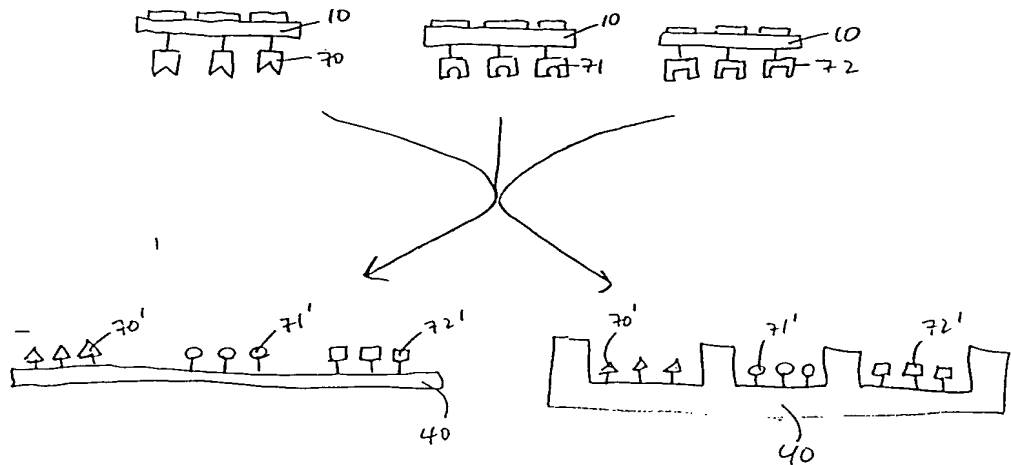


Fig 1,  
cont

Fig 1F

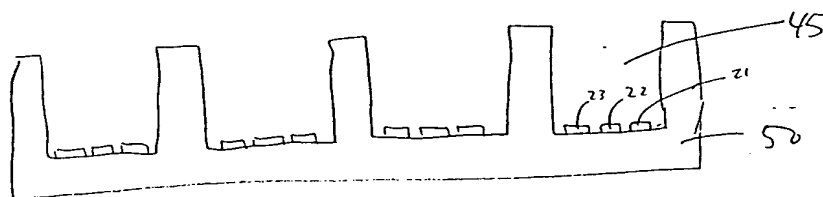
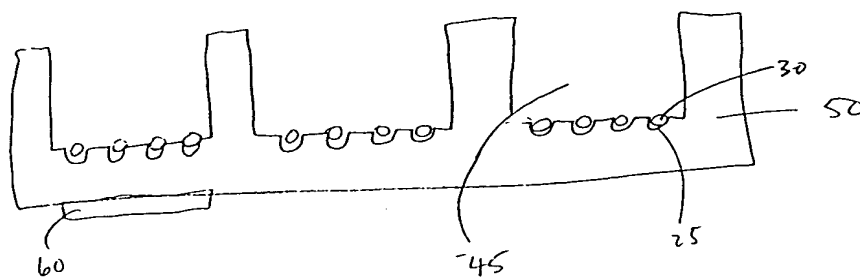


FIG 2

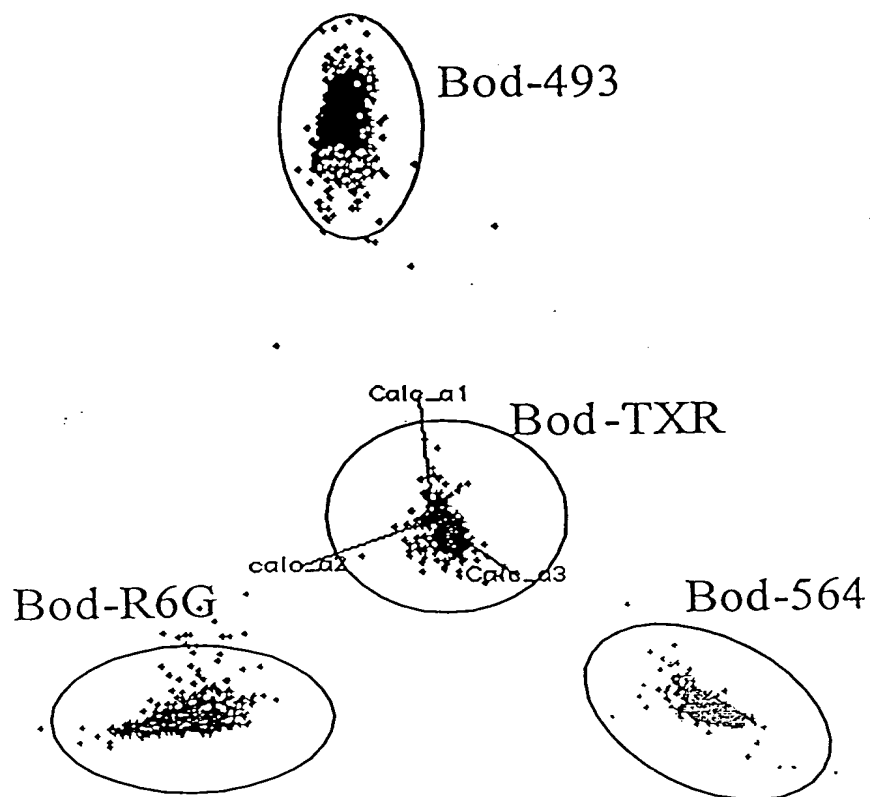
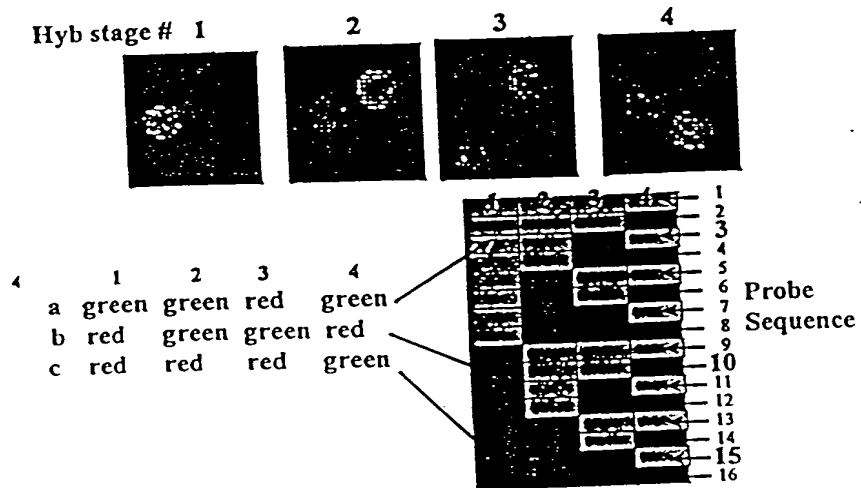


Figure 6

Fig 3

# Decoding 16 Probes



F24 4

Figure 1

128 bead types  
(4013 beads  
total)

Four dyes  
(Bod493,  
BodR6G,  
Bod564,  
BodTXR )

Four Stages

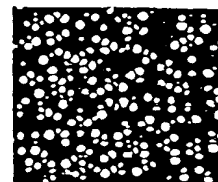
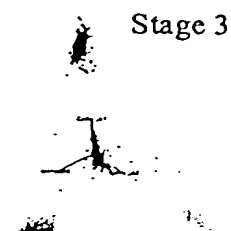
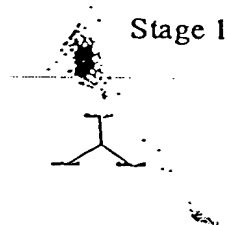


Figure 2

Fig 5

# GreyScale Decoding

A.

Code	S1	S2	S3
1	100	100	100
2	100	100	40
3	100	100	10
4	100	40	100
5	100	40	40
6	100	40	10
7	100	10	100
8	100	10	40
9	100	10	10
10	40	100	100
11	40	100	40
12	40	100	10
13	40	40	100
14	40	40	40
15	40	40	10
16	40	10	100
17	40	10	40
18	40	10	10
19	10	100	100
20	10	100	40
21	10	100	10
22	10	40	100
23	10	40	40
24	10	40	10
25	10	10	100
26	10	10	40
27	10	10	10

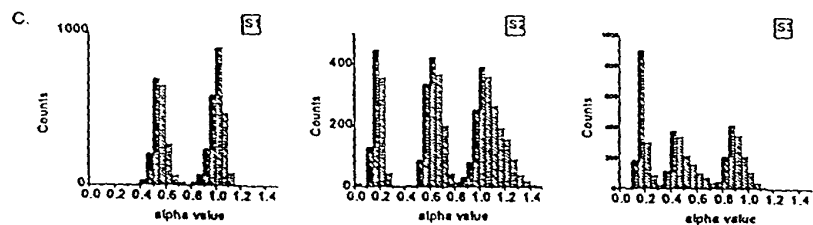
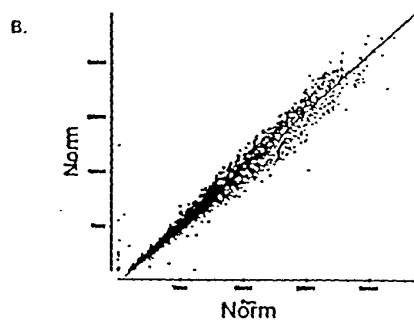
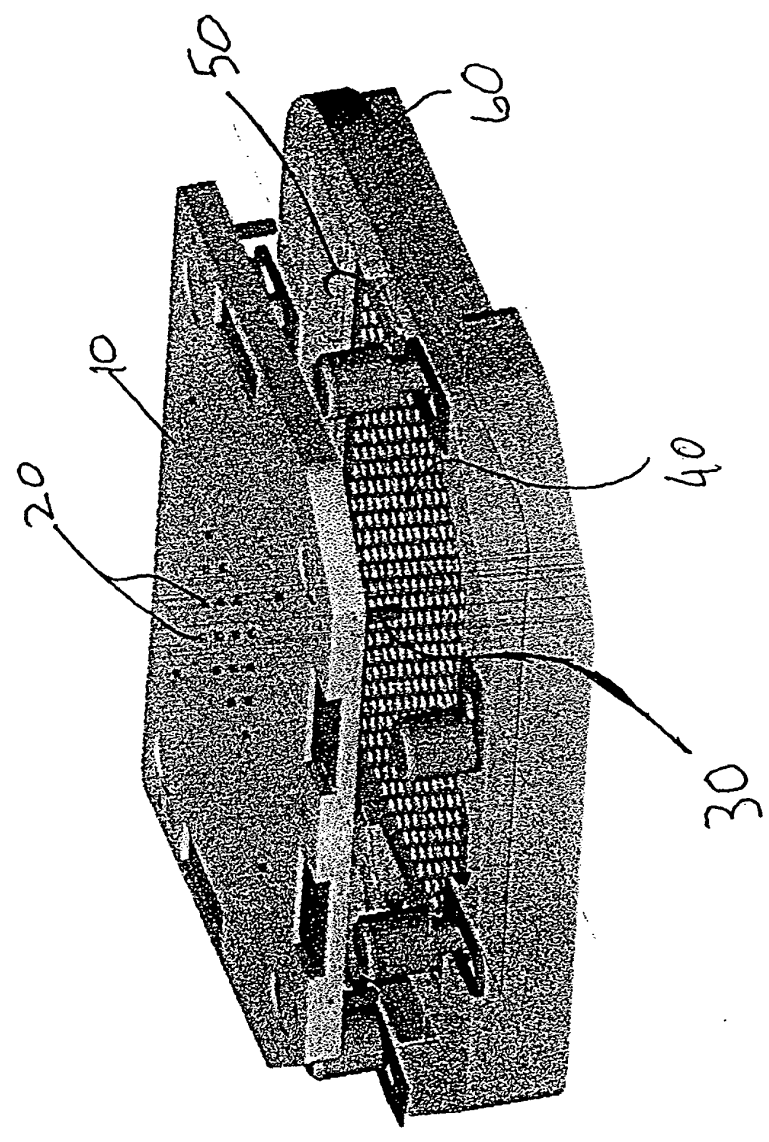


Figure 3n FIS 6

Figure 7A





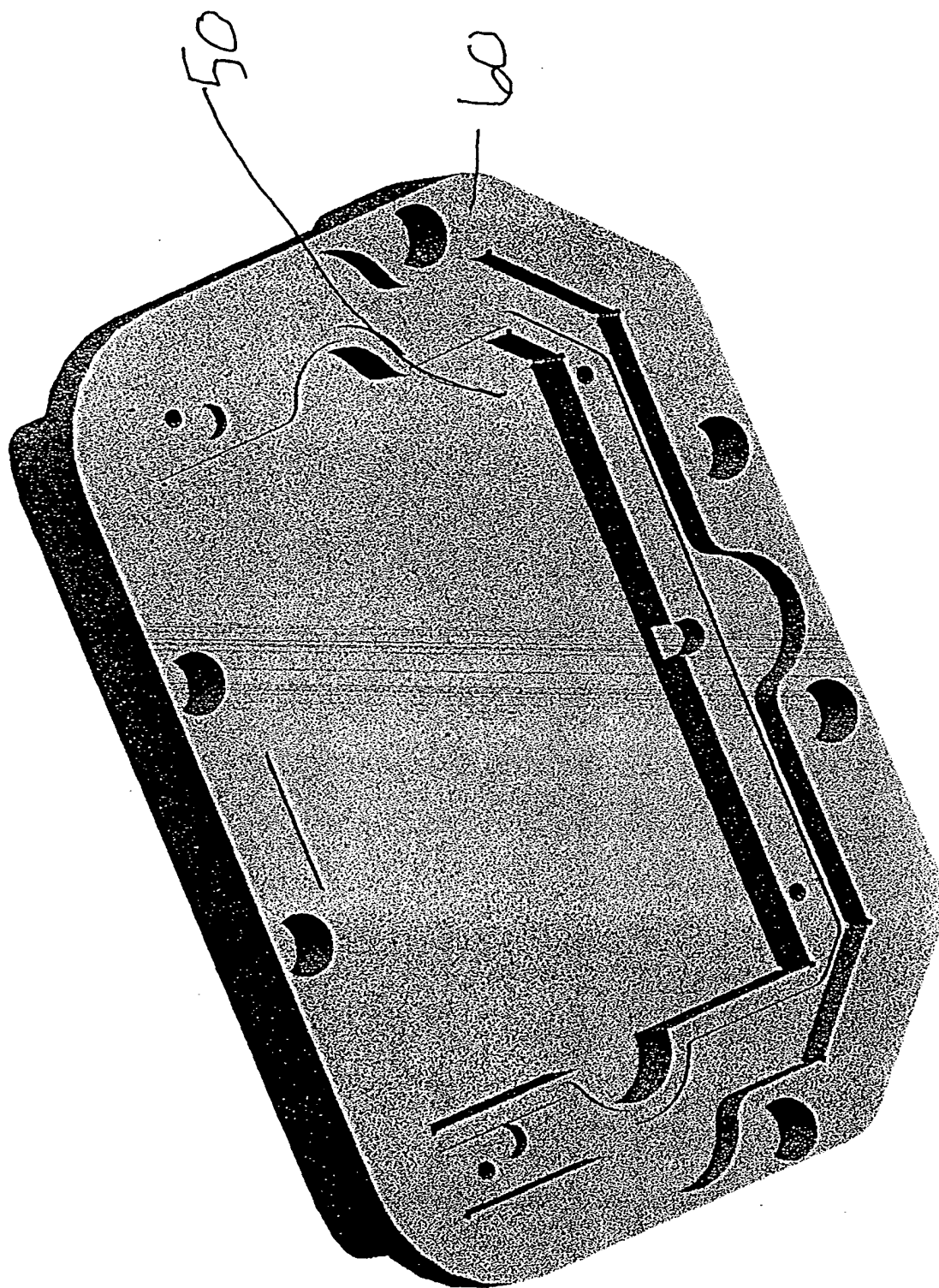
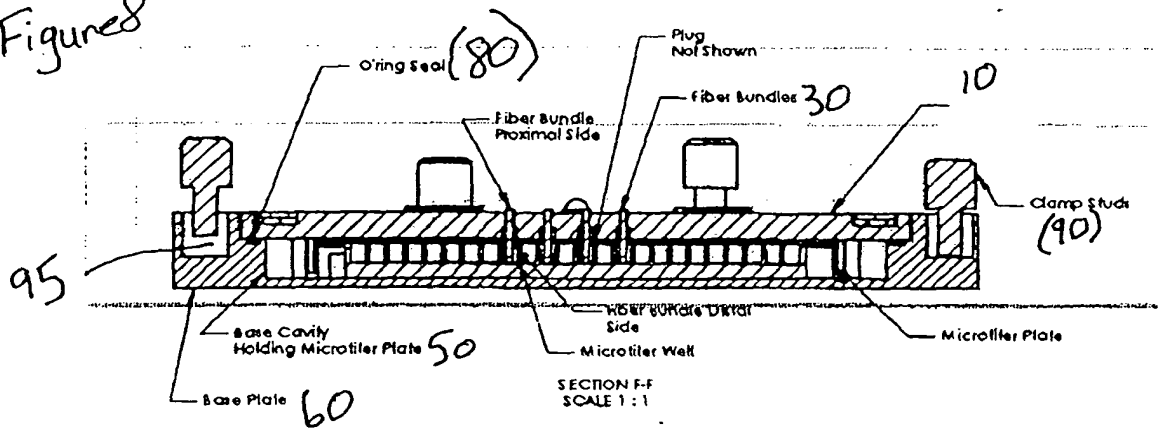


Figure 7B

Figure 8



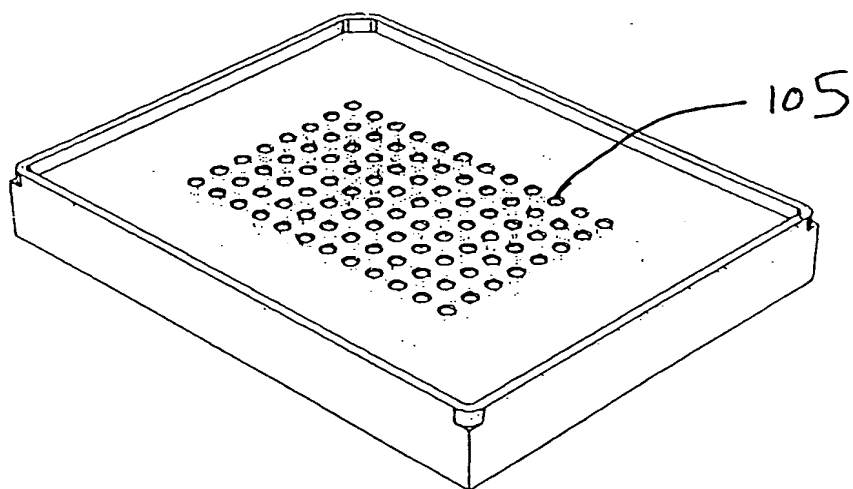


Figure 9A

**Fig. 1 Base Block Concept, Isometric View**

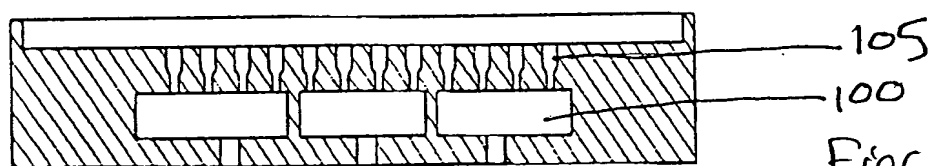
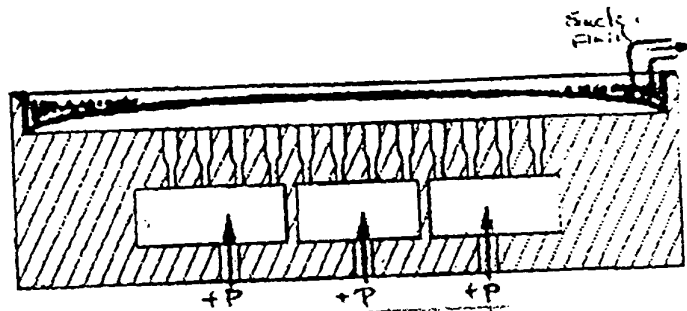


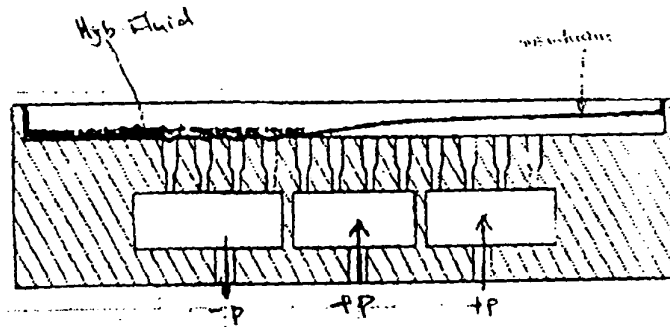
Figure 9B

**Fig. 2 Base Block Concept, Cross Section Side View**

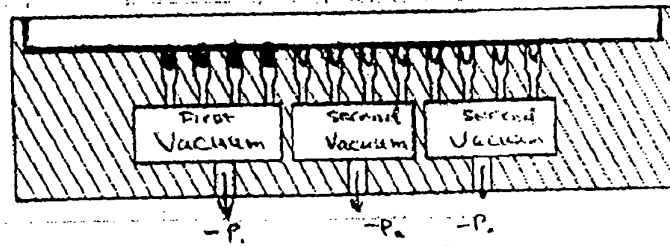
A



B



C



D

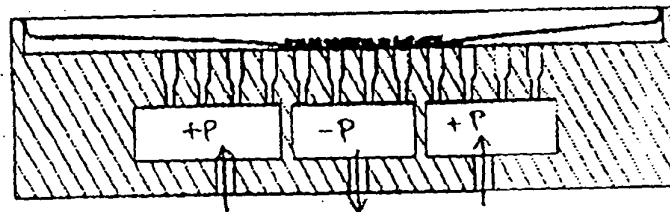
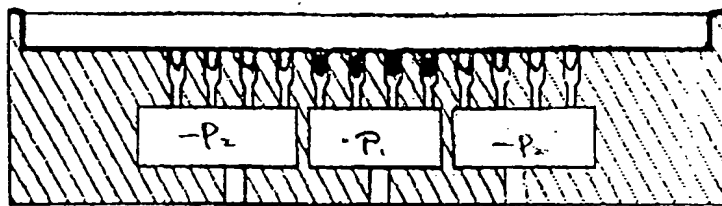


Figure 10

E



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F

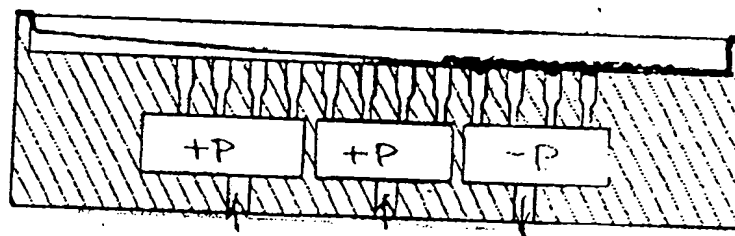


Figure 10 (cont'd)

# ANALYTICAL HYBRIDIZATION

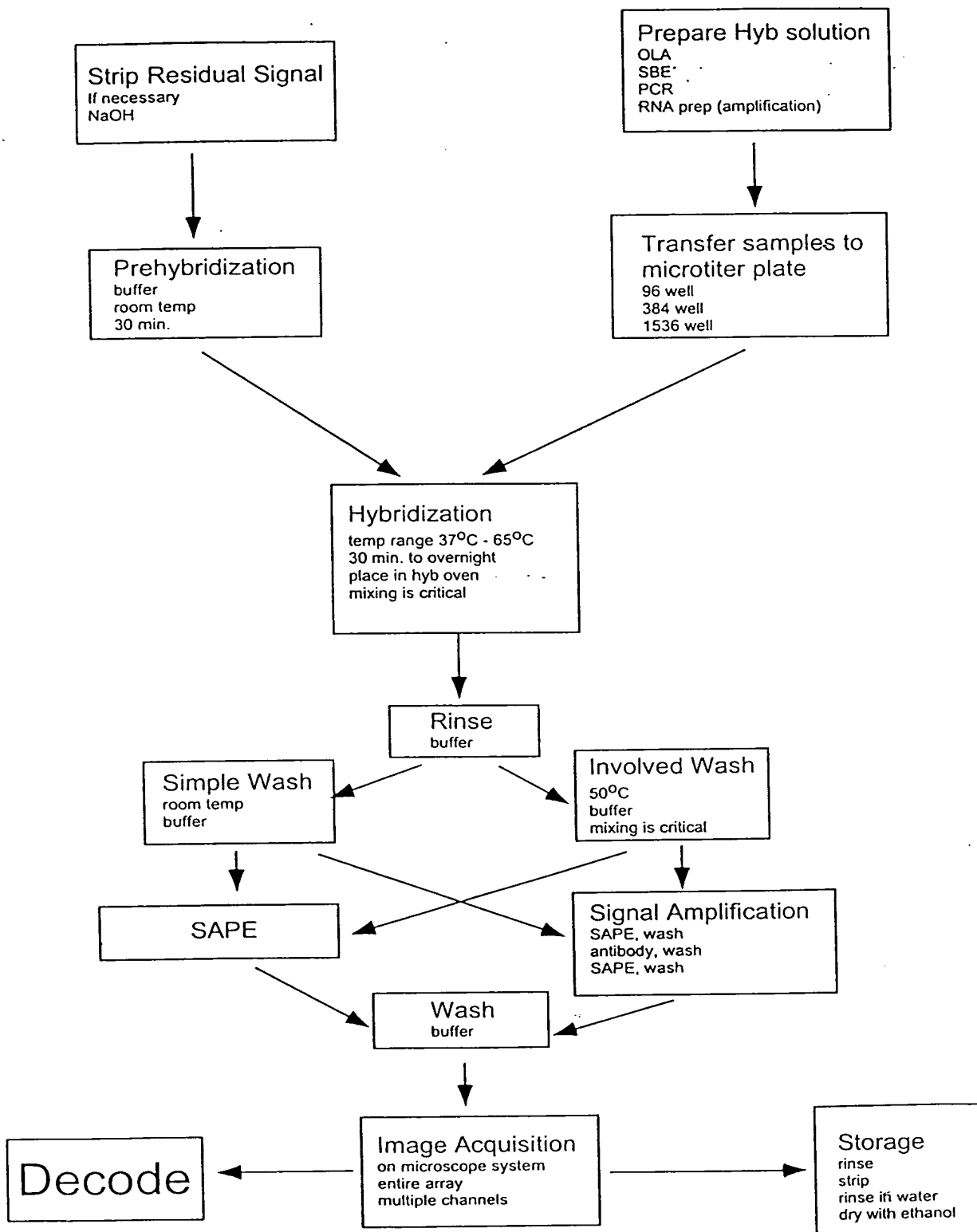


Figure 11

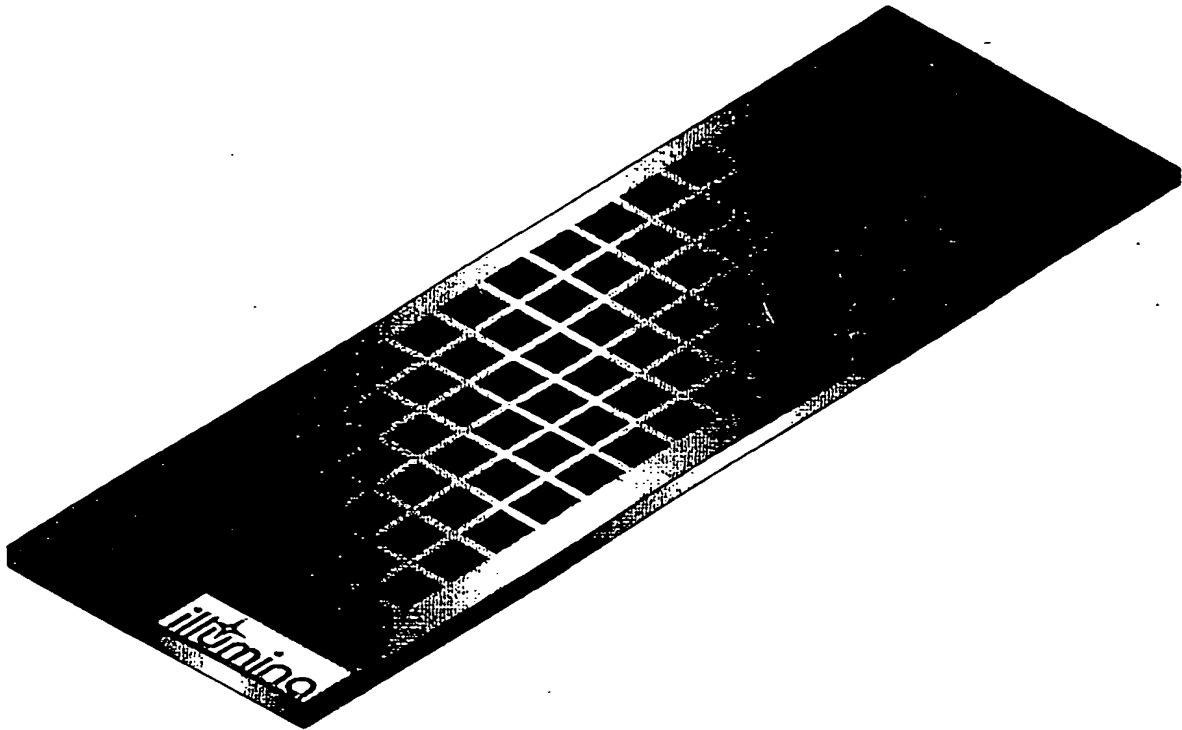


Figure 12

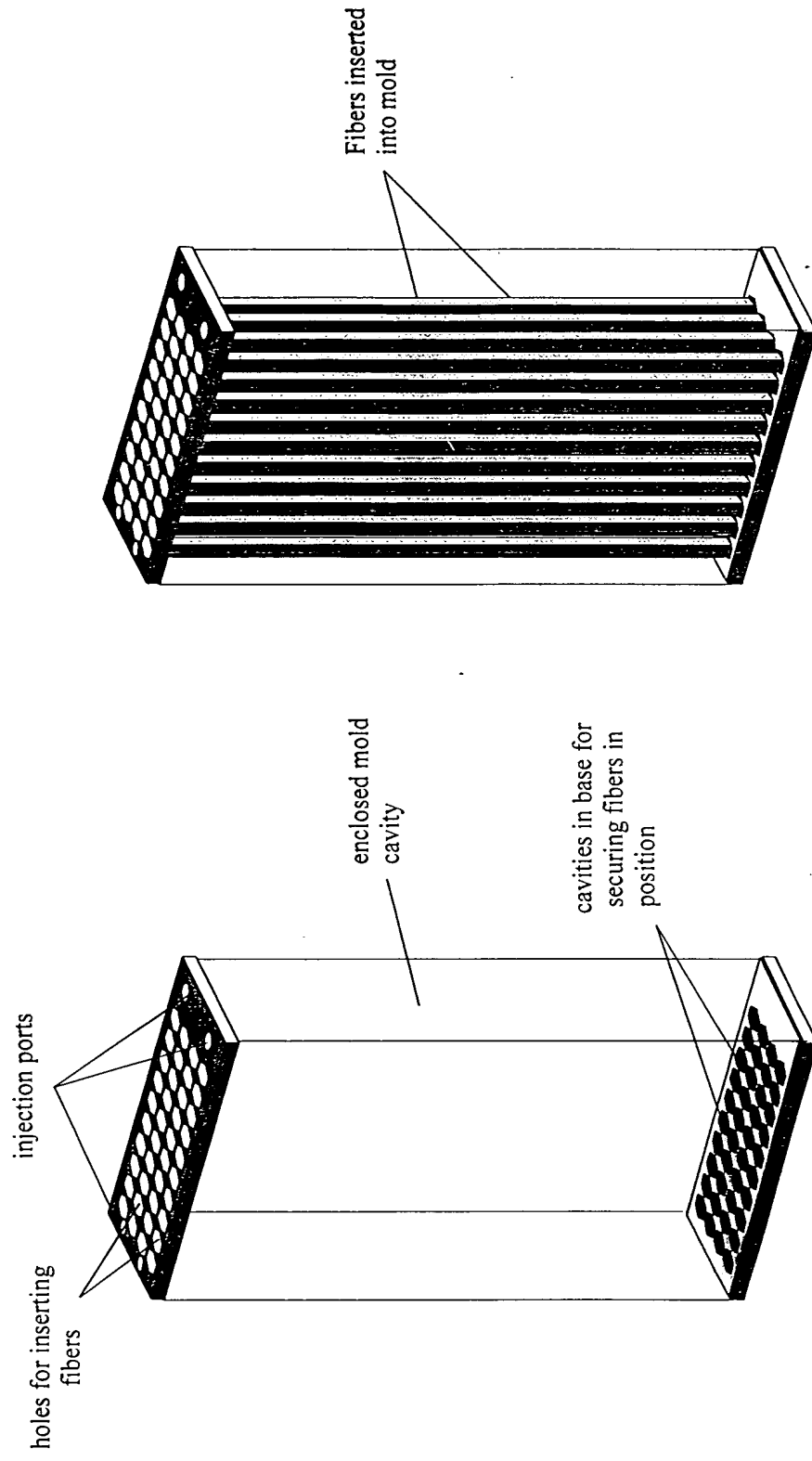


Figure 13